

REMARKS

This submission is being made in connection with a Request for Continued Examination, filed herewith. Applicants respectfully request examination of the claims newly presented.

The Claims Recite Allowable Subject Matter.

Claims 1-12 and 18-20 are pending in the application and recite subject matter not found in the cited references. For example, claim 1 recites a method for synchronizing parallel texture pipelines, comprising:

loading an **array** of state variables **for a polygon** into an accumulation portion of a plurality of **parallel** texture pipelines; and then **simultaneously enabling** a processing portion of a number of the parallel texture pipelines, said number corresponding to a number of parallel texture operations indicated by the loaded array of state variables.

The cited references fail, both alone and in combination, to teach or suggest these features. In an Advisory Action, the Examiner noted that the claims as presented did not adequately claim a synchronizing activity. The Applicants respectfully maintain that the present claims clearly describe a method of synchronizing parallel texture pipelines by indicating that only those parallel pipelines necessary to process the number of parallel texture operations indicated by the state variables will be enabled. The selected pipelines will be synchronized because they will be enabled at the same time. Claim 1 is thus patentable over the cited references. The remaining claims are also patentable over the cited references for similar reasons. They should be allowed as well.

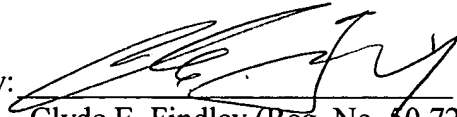
Conclusion

The Applicants respectfully submit that the application is in condition for allowance. Favorable action is earnestly solicited. The Commissioner is authorized to charge any additional fees or credit any overpayments under 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 11-0600. The Examiner is invited to contact the undersigned at (202) 220-4200 to discuss any aspect of the application.

Respectfully submitted,

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